

# INTERNATIONAL SEARCH REPORT

10/538122  
PCT/PTO 08 JUN 2005  
DE 03/03794

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F02D41/22 F02D41/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F02D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 197 25 567 A (DENSO CORP) 2 January 1998 (1998-01-02)	1-3,6,13
Y	page 2, line 66 -page 3, line 18 page 9, line 10 - line 33 page 11, line 6 - line 44 figures 10,11	6,7
Y	DE 40 03 752 A (BOSCH GMBH ROBERT) 14 August 1991 (1991-08-14) column 3, line 50 - line 55	6,7
X	US 5 385 134 A (NITHAMMER ANDREAS ET AL) 31 January 1995 (1995-01-31) column 2, line 30 - line 40 column 6, line 13 - line 20 figures 2,3	1,2,6,13
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

12 May 2004

Date of mailing of the international search report

19/05/2004

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# INTERNATIONAL SEARCH REPORT

International Application No

DE 03/03794

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	<p>DE 199 46 962 C (SIEMENS AG) 4 January 2001 (2001-01-04)</p> <p>column 1, line 3 - line 4 column 2, line 6 - line 10 claims 1-4</p> <p>-----</p>	<p>1,2,13 6,7,12</p>

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Information on patent family members

International Application No

DE 03/03794

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			EP 0466849 A1	22-01-1992
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DE 19946962	C	04-01-2001	DE 19946962 C1	04-01-2001
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			GB 2357153 A , B	13-06-2001